

Abstract

The present invention relates to improved processability of polyolefin films through the addition to the basic isotactic polypropylene (iPP) polymer of a resin or rosin modifier in an amount within the range of 1 to 30 weight percent. Alternatively, the composition could contain from about 5 to about 10 weight percent of a resin or rosin. Preferably the mixture should
5 contain resin or rosin modifiers in an amount of about 10 percent by weight. The invention encompasses both the resulting polyolefin films and the process for producing such film. The improved processability of the film includes fewer web breaks and drawability at higher line speeds, resulting in fewer shut downs of the processing line and a decrease in manufacturing time. These improvements are measured in terms of variable machine direction orientation draw
10 ratios and transverse direction orientation oven temperatures.